

CLAIMS

1. An anti-theft tag for attachment to an article, comprising:
 - an engagement member constructed and arranged to secure the tag to the article, the engagement member including a first end and a second end;
 - a housing including a base having at least one wall bounding a cavity, the cavity being sized to receive an electronic article surveillance sensor, the housing further including a backing member;
 - a slot disposed through the at least one wall and sized to receive a portion of a crimping tool;
 - a crimping sleeve adapted to receive the second end of the engagement member and supported within the cavity in alignment with the slot; and
 - wherein upon insertion of the second end into the crimping sleeve the crimping tool is insertable through the slot so as to engage the crimping sleeve in order to secure the second end of the engagement member within the housing so as to form a loop.
2. The anti-theft tag of claim 1, further comprising another crimping sleeve disposed about the first end of the engagement member and supported within the cavity.
3. The anti-theft tag of claim 1, wherein the base includes at least one channel sized to receive the second end of the engagement member and the crimping sleeve.
4. The anti-theft tag of claim 3, wherein the at least one wall includes at least one hole sized to receive the second end of the engagement member, the at least one hole sized to provide access to the at least one channel.
5. The anti-theft tag of claim 3, wherein the at least one channel includes a first and a second channel, the first channel being sized to receive the first end of the engagement member and the second channel being sized to receive the second end of the engagement member.

1 6. The anti-theft tag of claim 3, wherein the at least one wall includes a front wall, a pair of
2 side walls, a bottom wall and a top wall.

1 7. The anti-theft tag of claim 6, wherein the at least one channel extends from the top wall to
2 the bottom wall and wherein the top wall includes a hole in communication with a first end of the
3 at least one channel and sized to receive the second end of the engagement member, and wherein
4 the bottom wall includes a hole in communication with a second end of the at least one channel
5 and sized to receive the second end of the engagement member, such that the second end of the
6 engagement member is insertable into the base through the first hole and exits the base through
7 the second hole in order that the length of the loop may be selectively adjustable.

1 8. The anti-theft tag of claim 1, wherein the backing member is an adhesive backed sticker.

1 9. The anti-theft tag of claim 1, wherein the engagement member includes a wire.

1 10. An anti-theft tag for attachment to an article, comprising:
2 an engagement member constructed and arranged to secure the tag to the article, the
3 engagement member including a first end and a second end;
4 a housing including a base having at least one wall bounding a cavity, the cavity being
5 sized to receive an electronic article surveillance sensor, the housing further including a backing
6 member;
7 at least one channel disposed within the housing and sized to receive the second end of
8 the engagement member;
9 a slot disposed through the at least one wall, in communication with the at least one
10 channel, and sized to receive a portion of a crimping tool;
11 a first crimping sleeve disposed about the first end of the engagement member;
12 a second crimping sleeve adapted to receive the second end of the engagement member
13 and supported within the at least one channel in alignment with the slot; and

1 wherein upon insertion of the second end into the crimping sleeve the crimping tool is
2 insertable through the slot so as to engage the crimping sleeve in order to secure the second end
3 of the engagement member within the housing so as to form a loop.

1 11. The anti-theft tag of claim 10, wherein the at least one wall includes at least one hole
2 sized to receive the second end of the engagement member, the at least one hole sized to provide
3 access to the at least one channel.

1 12. The anti-theft tag of claim 10, wherein the at least one channel includes a first and a
2 second channel, the first channel being sized to receive the first end of the engagement member
3 and the second end being sized to receive the second end of the engagement member.

1 13. The anti-theft tag of claim 10, wherein the at least one wall includes a front wall, a pair of
2 side walls, a bottom wall and a top wall.

1 14. The anti-theft tag of claim 13, wherein the at least one channel extends from the top wall
2 to the bottom wall and wherein the top wall includes a hole in communication with a first end of
3 the at least one channel and sized to receive the second end of the engagement member, and
4 wherein the bottom wall includes a hole in communication with a second end of the at least one
5 channel and sized to receive the second end of the engagement member, such that the second end
6 of the engagement member is insertable into the base through the first hole and exits the base
7 through the second hole in order that the length of the loop may be selectively adjustable.

1 15. The anti-theft tag of claim 10, wherein the backing member is an adhesive backed sticker.

1 16. A method of attaching an anti-theft tag to an article comprising the steps of:
2 providing an engagement member constructed and arranged to secure the tag to the
3 article, the engagement member including a first end and a second end;

1 providing a housing including a base having at least one wall bounding a cavity, the
2 cavity being sized to receive an electronic article surveillance sensor, the housing further
3 including a backing member;
4 securing the first end of the engagement member to the housing;
5 providing a slot in the at least one wall sized to receive at least a portion of a crimping
6 tool;
7 supporting a crimping sleeve within the housing in alignment with the slot disposed
8 through the at least one wall.
9

10 17. The method of claim 16, further comprising the steps of:
11 inserting the second end of the engagement member into the crimping sleeve;
12 inserting a crimping tool through the slot and into engagement with the crimping sleeve;
13 crimping the sleeve about the second end of the engagement member so as to form a loop
14 and secure the second end of the engagement member to the housing.

1 18. The method of claim 16, further comprising the steps of:
2 providing a first and a second hole in the at least one wall;
3 inserting the second end of the engagement member through the first hole and into the
4 base;
5 inserting the second end of the engagement member through the second hole so that a
6 length of the engagement member exits the base;
7 selectively adjusting the length of the engagement member exiting the base so as to adjust
8 the size of the loop for engagement with the article.

1 19. The method of claim 18, further comprising the step of cutting the length of the
2 engagement member exiting the base so that it is substantially flush with the at least one wall.

1 20. The method of claim 16, further comprising the step of supporting an electronic article
2 surveillance sensor within the base.